PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ollection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a

Substitute	for form 1449/	<b>VPTO</b>		Complete if Known			
				Application Number	unknown	1.	
INFOF	RMATION	I DISCL	.OSURE	Filing Date			
STAT	STATEMENT BY APPLICANT			First Named Inventor	Furlan et al.	j.	
				Group Art Unit		1,6	
(use as many sheets as necessary)			ssary)	Examiner Name		ဗ္ဗ	
Sheet	1	of	1	Attorney Docket Number	P014		

-		U.S. Patent Docume	nl		Date of Publication of	Pages, Columns, Lines,	
xaminer nitials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
15	<u> </u>	5,280,540		Addeo et al.	01-18-1994		
$a_5$	2	6,008,857		Keery et al.	12-28-1999		
NES.	3	5,930,526	1	Iverson	07-27-1999		
ms	4	5,572,691	, , , , , , , , , , , , , , , , , , , ,	Koudmani	. 11-05-1996	<del></del>	
	<b> </b>					<del></del>	
	<u> </u>				<del> </del>	<del></del>	
	<del>                                     </del>						
				·			
				•			
						Ç.	
	<u> </u>						
						G.	
	<b> </b>			,		Ĉ.	
	<u> </u>						

	FOREIGN PATENT DOCUMENTS									
		Fore	ign Patent Docume			Date of Publication of	Pages, Columns, Lines,	T		
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	7		
	-							4		
	-	<del>-  </del>						+		
	╁	+					<del></del>	╁		
	1							+		
						i	· · · · · · · · · · · · · · · · · · ·	┪		
	<u> </u>									
				1				$\perp$		
	L									

		1			
Examiner Signature	MA	~	Date Considered	5/16/2005	•
·EVALUATED					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>4</sup>Applicant is to place a check mark here if English language Translation is attached.

1

of

Sheet

P014

PTO/SB/08A (10-96)

Please type a plus sign (+) inside this box → 

Approved for use through 10/31/99. OMB 0551-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Substitute for form 1449A/PTO Complete if Known **Application Number** 09/835,617 INFORMATION DISCLOSURE Filing Date 4/10/2001 3 0 2001 STATEMENT BY APPLICANT First Named Inventor Furlan et al. Group Art Unit 2182 (use as many sheets as necessary) TRADEMAS

Examiner Name

Attorney Docket Number

	T	U.S. Patent Document	-	-	Date of Publication of	Pages, Columns, Lines,
Examiner nitials*	Cite No.1	Number	Kind Code <sup>2</sup> ( <i>il known</i> )	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	1 1	2,146,662		L.E.W. Van Albada	02/07/1939	
18	2	2,244,235		W.A. Ayres	06/03/1941	
NI	3	2,304,434		W.A Ayres	12/08/1942	÷.
All	4	2,628,529		L.E. Braymer	02/17/1953	
	5	2,654,286		J.M. Cesar	10/06/1953	8
7	6	3,203,328		H.P. Brueggeman	08/31/1965	3 5 1
	7	3,205,777		A. Benner	09/14/1965	9 7
114	₹8	3,229,576		D.W. Rees	01/18/1966	Andogy 3
	// 8	3,692,934	1	Hemdon	09/19/1972	0 2
7	10	3,723,805	<u> </u>	Scarpino et al.	03/27/1973	2001
7	11	3,785,715		Mecklenborg	01/15/1974	mer.
<del></del>	12	3,832,046	1	Mecklenborg	08/27/1974	3
	13	3,846,809		Pinzone et al.	11/05/1974	Br. S
$\lambda$	14	3,934,259		Krider .	01/20/1976	RECEIVED
7	15	3,998,532		Dykes	12/21/1976	14.
	16	4,012,126		Rosendahl et al.	03/15/1977	AUG 0 1 200
	17	4,017,145		Jerie	04/12/1977	rechnol 2000
1	18	4,038,670		Seitz	07/26/1977	Technology Center 2600
7	19	4,058,831		Smith	11/15/1977	Willer 260
<i>T</i>	20	4,078,860	1	Globus et al.	03/14/1978	1 -000

FOREIGN PATENT DOCUMENTS								
		Fore	eign Patent Document			Date of Publication of	Pages, Columns, Lines,	$\neg$
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>s</sup> ( <i>il known</i> )	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	τ°
MS	21		1,234,341		France	05/16/1960		7
12	22	GB	2,289,820		United Kingdom	11/29/1995	· · · · · · · · · · · · · · · · · · ·	┪┈
115	23	HEI	2-127877		Japan	11/08/1988		7
M	24	GB	2 221 118		United Kingdom	1/24/1990		
<del> </del>						-		+
	· ·							
		LL.			<u></u>			

		***		-
Examiner	My Show	Date	This !	
Signature		Considered	5/14/2005	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this foliar with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>4</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
demark Office: U.S. DEPARTMENT OF COMMERCE

		Takemaik Office, 0.3. DEPARTMENT OF COMMI	CHI
Inder the Pane	nunde Reduction Act of 1995	no persons are required to respond to a collection of information unless it displays a valid OMB control number	
unuci ale rape	imuin ileuuvuuli ACLUI 1333.	io persons alla regulleu lu respond lu a collection di minmation libipee it displace a valid DMR control numbi	0.
		The state of the s	51.
· ·			

s	ubstitute	for form 1449A	VPTO		Comp	lete if Known	
					Application Number	09/835,617	OIPE
II	NFOF	RMATION	I DISCI	OSURE	Filing Date	4/10/2001	18
5	TAT	EMENT E	BY APP	LICANT	First Named Inventor	Furlan et a	JUL 3 0 2001 SS
					Group Art Unit	2182	
	(u	se as many she	eets as nece	essary)	Examiner Name		PADEMARK
She	eet	2	of	13	Attorney Docket Number	P014	

·		U.S. Patent Document		U.S. PATENT DOCUM		
Examiner Initials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevani Figures Appear
	25	4,157,218		Gordon et al.	06/05/1979	
	26	4,190,866		Lukner	02/26/1980	
	27	4,241,985		Globus et al.	12/30/1980	
	28	4,326,775		King	04/27/1982	<b>a</b>
	29	4,395,093		Rosendahl et al.	07/26/1983	Technology
	30	4,429,957		King	02/07/1984	chnol
	31	4,463,380		Hooks, Jr.	07/31/1984	log l
$\overline{}$	32	4,518,898	<u> </u>	Tarnowski et al	05/21/1985	
	33	4,549,208		Kamejima et al.	10/22/1985	
2	4	4,561,733		Kreischer	12/31/1985	enter
	35	4,566,763		Greguss	01/28/1986	- 1
7	36	4,578,682		Hooper et al.	03/25/1986	REO. 0
	37	4,593,982		Rosset	06/10/1986	CEIVES
7	38	4,602,857		Woltz et al.	07/29/1986	Aug
	39	4,656,506		Ritchey	04/07/1987	- 406 0 1 200 ·
	40	4,661,855		Gulck	04/28/1987	AUG 0 1 2001
	41	4,670,648	1	Hall et al.	06/02/1987	Center -
	42	4,728,839		Coughlan et al.	03/01/1998	Technology Center 2600
T	43	4,736,436		Yasukawa et al.	04/05/1988	
	44	4,742,390		Francke et al.	05/03/1988	

	FOREIGN PATENT DOCUMENTS									
		Foreign Patent Document				Date of Publication of	Pages, Columns, Unes,	Τ-		
Examiner Initials*	Cite No.'	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (# known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	τ*		
	<u> </u>									
	$\vdash$		<del></del>							
						· · · · · · · · · · · · · · · · · · ·				
	-				<u> </u>			↓		
	ļ							$\perp$		
<del></del>	-		<del></del>							
	<del>                                     </del>									
				_						

Examiner		Date	
Signature		Considered	7/16/2003
	7 7/-	Considered	7//4/000
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

• Subs	stitute for form 1449A/I	PTO		Comp	lete if Known
				Application Number	09/835,617
INI	FORMATION	DISCI	LOSURE	Filing Date	4/10/2001
ST	ATEMENT B	Y APP	LICANT	First Named Inventor	Furlan et a
				Group Art Unit	2182
	(use as many shee	ts as nece	essary)	Examiner Name	HADEMARK
Sheet	3	of	13	Attorney Docket Number	P014

				U.S. PATENT DOCUM	ENTS	
Examiner Initials*	Cite No.'	U.S. Patent Document	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	45	4,751,660		Hedley	06/14/1988	<b>A</b>
110	46	4,754,269		Kishi et al.	06/28/1988	, %
	47	4,761,641		Schreiber	08/02/1988	6 V
	48	4,772,942		Tuck	09/20/1988	3 9
	49	4,797,942	<b>1</b>	Burt et al.	01/10/1989	00 0
TIP	50	4,807,158		Blanton et al.	02/21/1989	Connection of the second of th
	51	4,835,532	·	Fant	05/30/1989	8 7
	52	4,858,002		Zobel	08/15/1989	Te,
7	53	4,858,149		Quarendon	08/15/1989	त्र
	54	4,864,335		Corrales	09/05/1989	8
	55	4,868,682		Shimizu et al.	09/19/1989	Λ-
$\neg$	56	4,899,293		Dawson et al.	02/06/1990	AUG O 1 200
	57	4,901,140		Lang et al.	02/13/1990	CIVE
	58	4,907,084		Nagafusa	03/06/1990	AUG A
	59	4,908,874	1	Gabriel	03/13/1990	Tech 200
	60	4,918,473		Blackshear	04/17/1990	100/000
	61	4,924,094		Moore	05/08/1990	L'enter o
	62	4,943,821		Gelphman et al.	07/24/1990	Technology Center 2600
1	63	4,943,851		Lang et al.	06/24/1990	
1	64	4,945,367		Blackshear	07/31/1990	

	FOREIGN PATENT DOCUMENTS							
			eign Patent Documen	it		Date of Publication of	Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Τ <sup>8</sup>
								+
	<u> </u>							
								1
	<u> </u>	-						+ -
							-	

Examiner Signature	Milm	Date Considered	5/16/2005

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>\*</sup>Unique citation designation number. \*See attached Kinds of U.S. Patent Documents. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Sheet

P014

GEI	the Paperwork Reduction Act of 1995, no persons are required to r	espond to a collection of information	n unless it displays a	valid OMB control numb		
٠	Substitute for form 1449A/PTO	Complete if Known				
		<b>Application Number</b>	09/835,617	OIPA		
	INFORMATION DISCLOSURE	Filing Date	4/10/2001			
	STATEMENT BY APPLICANT	First Named Inventor	Furlan et al.	JUL 3 0 2001 5		
ı		Group Art Unit	2182			
	(use as many sheets as necessary)	Examiner Name		PANEMARK		

**Attorney Docket Number** 

13

of

		U.S. Patent Document			Date of Publication of	Pages, Columns, Lines,																		
Examiner Initials*	Cite No.1	The coop   That is on a district of Approach   One of the		Number (# known) of Cited Document MM-DD-YYYY	Number (# known) of Cited Document MM-DD-YYYY		Number (# known) of Cited Document MM-DD-YYYY	Number (# known) of Cited Document MM-DD-YYYY		Number (# known) of Cited Document MM-DD-YYYY	Number (# known) of Cited Document MM-DD-YYYY	The state of the s	The state of the s	Caso De	Number (# known) of Cited Document MM-DD-YYYY	The state of the s			Code <sup>2</sup> Name of Palentee or Applicant Cited Document			The state of the s	and becomen	Where Relevant Passages or Relevant Figures Appear
	65	4,965,844	<u>i                                     </u>	Oka et al.	10/23/1990																			
$\sim$	66	4,974,072		Hasegawa	11/27/1990																			
	67	4,985,762		Smith	01/15/1991																			
911																								
	68	5,020,114		Fujioka et al.	05/28/1991																			
$\sqrt{X}$	69	5,021,813		Corrales	06/04/1991																			
	70	5,023,725		McCutchen	06/11/1991																			
74	<b>-71</b>	5,038,225		Maeshima	08/06/1991																			
	72	5,040,055		Smith	08/13/1991																			
7	73	5,048,102		Tararine	09/10/1991	· · · · · · · · · · · · · · · · · · ·																		
7	74	5,067,019		Juday et al.	11/19/1991	D <sub>n</sub>																		
7.	75	5,068,735		Tuchiya et al.	11/26/1991	"CC"																		
	76	5,077,609		Manephe	12/31/1991	AUG 0:																		
1	77	5,083,389		Alperin	01/28/1992	AUG 01																		
	78	5,097,325		Dill	03/17/1992	technol 200																		
	79	5,115,266		Troje	05/19/1992	WOODY CO																		
	80	5,130,794		Ritchey	07/14/1992	Technology Center 26																		
j	81	5,153,716		Smith	10/06/1992	<del></del>																		
	82	.5,157,491		Kassatiy	10/20/1992																			
	83	5,166,878		Poelstra	11/24/1992																			

				FORE	IGN PATENT DOCUMENTS			
		Foreign Patent Document				Date of Publication of	Pages, Columns, Lines,	$\top$
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number*	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Τ°
	-							
	<u> </u>							$\perp$
								ļ.,,
						ļ		
	L							
	L							

Examiner Signature M Am	Date Considered	5/16/2005
-------------------------	--------------------	-----------

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (10-96)
Please type a plus sign (+) inside this box  $\rightarrow \blacksquare$ Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitut	le for form 1449/	VPTO		Comp	lete if Known	(10)
				<b>Application Number</b>	09/835,617	101153
INFO	RMATION	1 DISC	LOSURE	Filing Date	4/10/2001	on more
STAT	<b>FEMENT</b>	BY APF	PLICANT	First Named Inventor	Furlan et al.	JUL 3 0 2001 9
				Group Art Unit	2182	TEN CHEST
(	use as many sh	eets as nec	essary)	Examiner Name		TRADE
Sheet	5	of	13	Attorney Docket Number	P014	

					U.S. PATENT DOCUM	ENTS	
Exar Initia	miner als*	Cite No.1	U.S. Patent Document  Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, . Where Relevant Passages or Relevant Figures Appear
	abla	84	5,173,948		Blackham et al.	12/22/1992	rigules Appeal
	1	85	5,175,808		Sayre	12/29/1992	
V	$\overline{\mathcal{L}}$	86	5,185,667		Zimmermann	02/09/1993	=
7		87	5,187,571		Braun et al.	02/16/1993	Techi
X	7	88	5,189,528		Takashima et al.	02/23/1993	3 5
$\mathcal{I}$	$\overline{}$	89	5,200,818		Neta et al.	04/06/1993	notogy UL 3
1	7	<b>2</b> 00	5,231,673		Elenga	07/27/1993	9 3
	1	91	5,259,584		Wainwright	11/09/1993	8 -
		92	5,262,852	· ·	Eouzan et al.	11/16/1993	200 enter
7		93	5,262,867		Kojima	11/16/1993	1 2
		94	5,280,540		Addeo et al.	01/18/1994	
$\Box$		95	5,289,312		Hashimoto et al.	02/22/1994	An.
П		96	5,305,035	<u> </u>	Schonherr et al.	04/19/1994	CE.
$\sqcap$		97	5,311,572		Freides et al.	05/10/1994	AUG 0 1 200
$\top$		98	5,313,306	1	Kuban et al.	05/17/1994	) 10G () , \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		99	5,315,331		Ohshita	05/24/1994	echnola 2000
	1	100	5,341,218	1	Kaneko et al.	08/23/1994	Technology Center 2600
		101	5,359,363	†	Kuban et al.	10/25/1994	enter 20
		102	5,384,588	1	Martin et al.	01/24/1995	~*************************************
	u	103	5,396,583	1	Chen et al.	03/07/1995	<u> </u>

				FORE	IGN PATENT DOCUMENTS			
		Foreign Patent Document				Date of Publication of	Pages, Columns, Lines,	$\top$
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (il known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	₽*
	-					<del> </del>		-
								+
	<del> </del>							_
	1					<del>                                     </del>		$\dashv$
								$\perp$
								I
	<u> </u>			!				

Considered \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner

Signature

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

13

of

Sheet

6

Substitute for form 1449A/PTO	Сотр	olete if Known	
	Application Number	09/835,617	10 E 7
INFORMATION DISCLOSURE	Filing Date	4/10/2001	2 20 E
STATEMENT BY APPLICANT	First Named Inventor	Furlan et al.	JUL 30 5000 C.
•	Group Art Unit	2182	FIFT SELECTION OF
(use as many sheets as necessary)	Examiner Name		TRADEM

Attorney Docket Number | P014

				U.S. PATENT DOCUM		
Examiner Initials*	Cite No.1	U.S. Patent Document  Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	104	5,422,987		Yamada	06/06/1995	
$\mathcal{L}\mathcal{L}$	105	5,432,871		Novik	07/11/1995	
	106	5,444,476		Conway	08/22/1995	
	107	5,446,833		Miller et al.	08/29/1995	
5	108	5,452,450		Delory	09/19/1995	
$\sqrt{}$	109	5,473,474		Powell	12/05/1995	
	1/0	5,479,203		Kawai et al.	12/26/1995	
	1.171	5,490,239		Myers	02/06/1996	
$\overline{\mathcal{L}}$	112	5,495,576		Ritchey	02/27/1996	
7	113	5,508,734		Baker et al.	04/16/1996	V
	114	5,530,650		Bifero et al.	06/25/1996	A_ 8
(	115	5,539,483		Nalwa	07/23/1996	1600
<b>.</b>	116	5,550,646		Hassen et al.	08/27/1996	AUG O :
1	117	5,563,650		Poelstra	10/08/1996	AUG O
1	118	5,601,353		Naimark et al.	02/11/1997	Technology Center 260
1	119	5,606,365		Maurinus et al.	02/25/1997	"'O/OOLO (10)
	120	5,610,391		Ringlien	03/11/1997	Center .
	121	5,612,533		Judd et al.	03/18/1997	- 260
	122	5,627,675		Davis et al.	05/06/1997	
	123	5,631,778		Powell	05/20/1997	

	FOREIGN PATENT DOCUMENTS										
		Fore	eign Patent Documen	t		Date of Publication of	Pages, Columns, Lines,	丁			
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if knawn)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	,			
	-							+			
								┿			
			***					+			
								$\perp$			
	-							+			
	!		- 0 00					+			
						·		┰			

Examiner	11/2 1/2-	Date	5/11/	
Signature	- on you	Considered	5/16/2005	_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

4/10/2001 Furlan et al. 2182 THADENA P014

## Substitute for form 1449A/PTO Complete if Known Application Number 09/835,617 INFORMATION DISCLOSURE **Filing Date** STATEMENT BY APPLICANT First Named Inventor Group Art Unit (use as many sheets as necessary) **Examiner Name** 13 Sheet of Attorney Docket Number

		U.S. Patent Document			Date of Publication of	Pages, Columns, Lines,
xaminer iitials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
$\overline{}$	124	5,633,924		Kaish et al.	05/27/1997	
	125	5,649,032		Burt et al.	07/15/1997	
	126	5,682,511		Sposato et al.	10/28/1997	
	127	5,686,957		Baker et al.	11/11/1997	
$\overline{X}$	128	5,714,997		Anderson et al.	02/03/1998	
	129	5,729,471		Jain et al.	03/17/1998	
11/	130	5,760,826		Nayer	06/02/1998	•
10	131	5,761,416		Mandal et al.	06/02/1998	
	132	5,764,276		Martin et al.	06/09/1998	
$\overline{}$	133	5,796,426		Gullichsen et al.	08/18/1998	
T	134	5,841,589		Davis et al.	11/24/1998	Pr
	135	5,850,352		Moezzi et al.	12/15/1998	CE
1	136	5,854,713		Kuroda et al.	12/29/1998	ALL VED
	137	5,877,801		Martin et a.	03/02/1999	F 706 0 .
	138	5,903,319		Busko et al.	05/11/1999	RECEIVED  Fechnology 2001
	139	5,920,337	1	Glassman et al.	07/06/1999	WOON C.
1	140	6,034,716	1	Whiting et al.	06/02/1998	enter 20
1	141	DES 263,716		Globus et al.	04/06/1982	Technology Center 2600
1	142	DES 312,263	<u> </u>	Charles	11/20/1990	

-	FOREIGN PATENT DOCUMENTS										
		Fore	ign Patent Oocumer			Date of Publication of	Pages, Columns, Lines,				
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code (# known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	7			
	ļ .							4			
	+							+			
						1		+			
								ightharpoonup			
				<del></del>		ļ		4			
	<del> </del>					<u> </u>		+			
	+						<del></del>	+			

	والمستحدد		
Examiner	Mr. (1/1 <sub>a</sub> .	Date	T/11/
Signature	ou XIVI	Considered	3/16/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

PTO/SB/08A (10-96)

Please type a plus sign (+) inside this box  $\rightarrow \boxdot$ Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known **Application Number** 09/835.617 Filing Date 4/10/2001 First Named Inventor Furlan et al. 2182 Group Art Unit Examiner Name

P014

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 13 of

U.S. Patent Document				Date of Publication of	Pages, Columns, Lines,
ner Cite No.		Kind Code <sup>2</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
143	3,872,238		Herndon	09/19/1972	
144	4,484,801		Cox	11/27/1984	
145	4,991,020		Zwim	02/05/1991	=
146	5,005,083		Grage et al	04/02/1991	Tech
147	5,142,354		Suzuki et al	08/25/1992	ngiogy
148	5,748,194		Chen	05/05/1998	
<b>₹</b>	5,844,520		Guppy et al	12/01/1998	<del></del>
150	· RE. 36,207		Zimmerman et al.	05/04/1999	8
151	5,990,941		Jackson et al.	11/23/1999	
152	6,002,430		McCall et al.	12/14/1999	
153	6,043,837		Driscoll, Jr. et al.	03/28/2000	
154	2,176,554		Hardy	10/17/1939	TECENTE S
155	5,710,661		Cook	01/20/1998	Aug
156	6,028,719		Beckstead et al.	02/22/2000	F 70G (1 1
	<u> </u>				Technology of 2001
7					Ogy Con.
1					Technology Center 2600
1					

Attorney Docket Number

	FOREIGN PATENT DOCUMENTS										
		Fore	eign Patent Documer			Date of Publication of	Pages, Columns, Lines,	$\top$			
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear				
	<b>-</b>	-			<u> </u>		<del> </del>	+			
····	<del> </del>							+-			
	<del> </del>						<del>-</del>	+			
<del></del>	<del> </del>							+			
· · · · · · · · · · · · · · · · · · ·	<del> </del>				<del></del>	<del>                                     </del>		╁			
						<b></b>	- ,	+			
	1							+			
								$\top$			

Examiner Signature	M Shr	Date Considered	5/16/2005
			7 7

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-96)

Please type a plus sign (+) inside this box 
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO Complete if Known **Application Number** 09/835,617 INFORMATION DISCLOSURE Filing Date 4/10/2001 JUL 3 0 2001 STATEMENT BY APPLICANT First Named Inventor Furlan et al. THE TRADEMAN Group Art Unit 2182 (use as many sheets as necessary) Examiner Name 13 Sheet of Attorney Docket Number P014

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
W	157	HECKBERT, P., "Survey of Texture Mapping" IEEE CG&A, Nov. 1986, pages 56-67.	
NS	158	RIPLEY, G. DAVID, "DVI-A Digital Multimedia Technology". Communication of the ACM. July 1989. Vol.32. No.07. Pages: 811-820.	
MS	159	ONOE M. and KUNO Y., * Digital Processing OF Images Taken By Fish-Eye Lens". 1982. IEEE. Pages: 105-108.	
NS	160	HAMIT, F., "Near- Fisheye CCD Camera Broadens View for Imaging". Advanced Imaging. March 1993. Pages: 50-52.	
M	161	DIXON, D., GOLIN, S., and HASFIELD, I., "DVI Video/Graphics". Computer Graphics World reprinted from the July 1987 edition of Computer Graphics World. Pages: 04.	
MS	162	UPSTILL, STEVE. "Building Strong Images". UNIX Review. October 1988. Vol. 06. No. 10. Pages: 63-73.	
		D <sub>n</sub>	
		AUG O 1 2001  Technology Center 2600	
		Center 2	
		~ < 600	

Examiner Signature Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

	Į	)
ſ	Ī	
(		)
Į	1	
•	<	
	П	Ī

Substitute	e for form 1449B	3/PTO		Comp	lete if Known	
				Application Number	09/835,617	OIPE
INFO	RMATION	I DISCI	OSURE	Filing Date	4/10/2001	1
STAT	EMENT E	BY APP	LICANT	First Named Inventor	Furlan et al.	JUL 3 0 2001
			-	Group Art Unit	2182	B. T. C.
(use as many sheets as necessary)				Examiner Name		940EMARK
Sheet	10	of	13	Attorney Docket Number	P014	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
μŝ	163	GREENE, N., "Environment Mapping and Other Applications of the World Projections." Computer Graphics and Applications. November 1986. IEEE Computer Society. Vol.06. No.11. Pages: 21-29.	Тесппо	JUL
MS	164	HECHBERT, P., "The PMAT and Poly User's Manual". Computer Graphics Lab. N.Y.I.T., February 18, 1983. Pages: 1-29.	19CUIUDBI Cerice	L 3 1 :
MS	165 (	HECKBERT, P., "Fundamentals of Textured Mapping and Image Warping. Master Thesis. Pages: 86.  Dated: June 17,1989.	101 210	1 2001
ps	166	REBIAI,M., MANSOURI,S., PINSON,F., and TICHIT, B., "Image Distortion From Zoom Lenses: Modeling and Digital Correction". International Broadcasting Convention. IEEE. Dated: July 1992.	_{	5
MS	167	CHARLES, JEFFERY R., "All-Sky Reflector with "Invisible" Camera Support". Images from 1988 RTMC Proceedings. Pages: 79-80.  ROGER W. SINNOTT, "Scientific Library Gleaning for ATMs". Sky & Telescope. August 1986.	,Cx	<b>)</b> ,
ms	168	ROGER W. SINNOTT, "Scientific Library Gleaning for ATMs". Sky & Telescope. August 1986. Pages: 186.	01	PRO
MS	169	Pages: 186.  CHARLES et al., "How to Build and Use an All-Sky Camera." Astronomy. April 1987. Pages: 64-70  DEUTSCH. CLUDIA H., "One Camera That Offers Many Views". The New York Times v146. February 2, 1997.	enle	2600
	170	DEUTSCH, CLUDIA H., "One Camera That Offers Many Views". The New York Times v146, February 3, 1997, pages 92.		7
	<del>-171</del> -	JOHNSON, COLIN R., "Imaging System Sees All". Electronic Engineering Times, December 23,1996.  Pages:03.		-
: 7	172	SPICE, BRYON, "Panospheric Camera Expands Horizon". Pittsburgh Post-Gazette, June 2, 1987, Pages:03		/

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

5/16/2008

Examiner

Signature

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-96)

Please type a plus sign (+) inside this box 

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute	for form 1449	B/PTO		Complete if Known				
				Application Number	09/835,617	IPE		
INFOF	RMATIO	N DISCI	OSURE	Filing Date	4/10/2001	10, 4		
STATEMENT BY APPLICANT			First Named Inventor	Furlan et al.	JUL 3 0 2001			
				Group Art Unit	2182			
(u:	se as many sl	heets as nece	essary)	Examiner Name		Chraman Control		
Sheet	11	of	13	Attorney Docket Number	P014			

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
M	173	CASTLEMAN, K., "Digital Image Processing". Prentice Hall. 1979. Pages: 110-135, 383-400,408.	
MS	174	CASTLEMAN, K., "Digital Image Processing". Prentice Hall. 1996. Pages: 125-127, 140-141.	AECE
mg	175	SHAH, S. et al., "A Simple Calibration Procedure For Fish-Eye (High Distortion) Lens Carriera. IEEE. 1994. Pages: 3422-3427.	ECEIVED
MS	176	Snyder, John. "Gnomonic Projection". Map Projections-A Working Manual. Pages: 164-168, 1987.	<b>-</b> 0
ps	177	GREENE, N., and HECKBERT, P., "Creating Raster Omnimax Images From Multiple Perspective Views Using The Elliptical Weighted Average Filter". IEEE. 1986. Pages: 21-27.	
M	178	FANT, K., "A Nonaliasing, Real-Time Spatial Transform Technique". IEEE. 1986. Pages: 71-80.	EIVE
MS	179	GREENE, WILLIAM B., "Qualitative Image Processing Techniques". Digital Image Processing, A System Schnology C	1 2001 Mer o
MS	180	WOLBERG, GEORGE. Digital Image Warping (Introduction). 1990. IEEE Computer Society Press. Pages: 2.	nter 260
M	181	FU, K.S. et al., "Low-Level Vision". Robotics: Control, Sensing, Vision, and Intelligence. 1987.McGraw Hill Inc., Pages: 313-315.	
mg	182	CARLBOM, INGRID et al. "Planner Geometric Projections and Viewing Transformations". Computing Surveys. Volume 10. No. 04. December 1978. Pages: 465-502.	
M	183	ANDERSON, R.L., et al., "Omnidirectional Real time Imaging Using Digital Restoration". High Speed Photography SPIE. Volume 348. San Diego, CA. 1982. Pages: 807-814.	:
• /			

Examiner Signature	Millin	Date Considered	5/1	16/2005	_
	//	 		/	_

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-96)
Please type a plus sign (+) inside this box → 日 Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitu	ute for form 1449B	/PTO	<u> </u>	Comp	lete if Known	
				Application Number	09/835,617	(19)
INFO	<b>PRMATION</b>	DISC	LOSURE	Filing Date	4/10/2001	10. E)
STATEMENT BY APPLICANT			First Named Inventor	Furlan et al.	JUL 3 0 2001	
				Group Art Unit	2182	P
(use as many sheets as necessary)				Examiner Name		P. Dunguage
Sheet	12	of	13	Attorney Docket Number	P014	TAUEN

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		٦
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	<u>:</u>
M	184	LAIKIN, MILTON. "Wide Angle Lens System". 1980. International Design Conference (OSA).  SPIE. Volume 237. 1980. Pages: 530-532, 815-816.  SHAH, SHISIR et al., "Depth Estimation Using Stereo Fish-Eye Lenses". IEEE. Department Of Electrical and Computer Engineering. University of Texas. 1994. Pages: 740-744.		کامد
ps	185	SHAH, SHISIR et al., "Depth Estimation Using Stereo Fish-Eye Lenses". IEEE. Department Of Electrical and Computer Engineering. University of Texas. 1994. Pages: 740-744.	Cent	10 2
NS	186	TSAI, ROGER Y., "A Versatile Camera Calibration Technique for High Accuracy 3-D Machine Vision Using Off- the-Shelf TV Cameras and Lenses". IEEE. Journal of Robotics and Automation. Volume RA-3. No.04. August 1987. Pages: 323-344.	Center 2100	
MS	187	CHANG, YUH-LIN et al., "Calibrating a Mobile Camera's Parameters". Pattern Recognition. Volume 26. No. 01. Dated: 1983. Pages: 75-88.		
Mg	188	WENG, JUYANG. "Camera Calibration With Distortion Models and Accuracy Evaluation." IEEE. Transactions On Pattern Analysis and Machine Intelligence. Volume 14. No. 10. October 1992. Pages: 965-980.		
MS	189	LENZ, REIMER K. et al., "Techniques for Calibration of the Scale Factor and Image Center for High Accuracy 3- D Machine Vision Metrology". IEEE. Transaction on Pattern Analysis and Machine Intelligence. Volume 05. No. 05. September 1988. Pages: 713-720.		
MS	190	NOMURA, YOSHIHIKO, et al., "Simple Calibration Algorithm for High-Distortion Lens Camera". IEEE. Transaction on Pattern Analysis and Intelligence Machine. Volume 14. No.11. November 1992. Pages: 1095-1099.		
NS	191	Lee, Martin., Telerobotics International, Inc. "Optimizing The Camera And Positioning System For Telerobotic Workcite Viewing"	-	1
MS	192	MIYAMOTO, K., "Fish Eye Lens". JOSA. Vol.54. Pages: 1060-1061. Dated: August 1964.		
		AUG 0 1 2001		
		Technology Center 2600		

Examiner Signature	Mille	Date Considered	5/14/2008

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-96)
Please type a plus sign (+) inside this box  $\rightarrow \boxdot$ Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substite	ute for form 1449B	/PTO		Comp	lete if Known	
				Application Number	09/835,617	(AIO)
INFO	<b>PRMATION</b>	DISC	LOSURE	Filing Date	4/10/2001	/ ///
STATEMENT BY APPLICANT			First Named Inventor	Furlan et al.	E JUL 30 2001	
				Group Art Unit	2182	Transition of the second
(use as many sheets as necessary)				Examiner Name		ADEMAR
Sheet	13	of	13	Attorney Docket Number	P014	

				•
		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	,	
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
Me	193	Defendant's IPI's Composite Exhibit List, Civil Action of Interactive Pictures Corporation, F/K/A Omniview, Inc. v. Infinite Pictures, Inc. and Bill Tillman. Case No. 3-96-849. Filed: January 05, 1998 in U.S.D.C,, Eastern		:
MS	194	VERITY, JOHN W. (edited by): Information Processing. Business Week. Page: 134E. Dated: July 13,1996	101	REC
W	195	MARBACH, WILLIAM D. (edited by): Developments To Watch. Business Week. Page: 83.  Dated: September 26,1988.	20 1	)E14 F
W	196	CARNEVALE, MARY LU. Video Camera Puts The Viewer in Control. Wall Street Journal.  Dated: November 25, 1992.	18x 2100	23
NY	197	Popular Science. Electronic Panning Camera System. Pages: 36-37. Dated: September 1992.		
NS	198	TULLOCH, MARTHA. "New Video Camera Lets Viewers Choose Views" Photonics Spectra. Pages: 18-20. Dated: October 1992.		
N	199	FISHER, TIMOTHY E., "A Programmable Video Image Remapper. SPIE> Vol. 938. Pages: 122-128. Dated: 1988.		
M	200	LIPPMAN, ANDREW. Movie-Map: An Application Of The Optical Videodisc To Computer Graphics. Pages: 43. Dated: 1980.	+	
MS	201	YELICK, STEVEN. Anamorphic Image Processing. Pages: 1-37, Including Acknowledgement Page. Dated: 1980.		
M	202	CHEN, SHENCHANG ERIC. "Quick Time VR-An Image-Based Approach To Virtual Environment Navigation. Pages: 39. Dated: 1995.		
. /		RECEIVED		
		AUG 0 1 2001		
		Technology Center 2000		

Examiner Date Signature Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.